RPS TOPICS/REQUIREMENTS & STATEMENTS to TSSC
9/03 – 1/05

Information for TSSC Meeting - 1/10/05
J. Powell
Submitted Topics – 9/03-1/04
Note: (xx) after each is “straw vote” at 1/04 Annual Meeting)

• **TR4.** Performance of Adaptive Signal Control Systems (32)

• **TR2.** Best Practices for Traffic Signal Timing (17)

• **TR3a.** Effectiveness and Optimization of Existing Controller Adaptive Features (15)

• **TR3b.** Effective Pattern Switch Times in a TOD Schedule (13)

• **TR1.** Detection Data Quality and Accuracy (10)

• **TR6.** Validation of MOEs Generated by Traffic Models (e.g., SYNCHRO, PASSER) vs. Field Data (10)
Submitted Topics – 9/03-1/04 (cont.)

• TR3d. Evaluate Effectiveness of Signal Systems (e.g., icons, ACTRA) in Microsimulation \w NTCIP Interface (10)

• TR3c. Effective Configuration of Traffic Responsive Systems (8)

• TR7. State-of-the-Practice and Needs Assessment on Rail-Signal Operations (1)

• TR5. Investigation of SYNCHRO Ability to Find the Best Timing Plan – Combine with TR2

• TR8. Recent Trends in Traffic Signals (0)
Submitted Statements – 9/03-1/04

• St3. Analysis Of Clearance Period At Signalized Intersections and the Potential for Running Red Lights (20)

• St1. Method for Optimizing Coordinated Actuated Signal Timing Settings (10)

• St2. Low Cost Traffic Signal System for Small Towns (9)
Submitted Topics – 1/04-1/05

• TR9. Variable All Red Clearance Intervals

Submitted Statements – 1/04-1/05

• St4. Engineering Countermeasures to Reduce Red-Light Violations and Related Crashes
New Topics Per 1/9/05 “Best Practices”

Workshop:

Safer Signal Operations through Variable Phase Sequencing (& other stuff?) (22)

Effects of Signal Timing on Driver Behavior (8)

Use of Detection Equipment to Count Traffic & Solve Other Problems (8)

Signal Performance & “What’s Good?” (8)
“Best” RPSs – Next Steps

GOAL: “SUBMIT 1-3 GOOD RPSs EVERY YEAR”

• Safer Signal Operations through Variable Phase Sequencing (& other stuff?) (22)

• St4. Engineering Countermeasures to Reduce Red-Light Violations and Related Crashes

• Finalize at mid-year meeting
• *Return to RPS Status 1-10-05*